

(12) UK Patent Application (19) GB (11) 2 406 988 (13) A

(43) Date of Printing by UK Office 13.04.2005

(21) Application No: 0500397.5

(22) Date of Filing: 25.06.2003

(30) Priority Data:
(31) 60391877 (32) 25.06.2002 (33) US
(31) 60410509 (32) 13.09.2002
(31) 10420027 (32) 17.04.2003

(86) International Application Data:
PCT/US2003/020053 En 25.06.2003

(87) International Publication Data:
WO2004/002023 En 31.12.2003

(71) Applicant(s):
Finisar Corporation
(Incorporated in USA - Delaware)
1308 Moffett Park Drive, Sunnyvale,
CA 94089-1133, United States of America

(continued on next page)

(51) INT CL7:
H04B 10/00 10/04 10/06

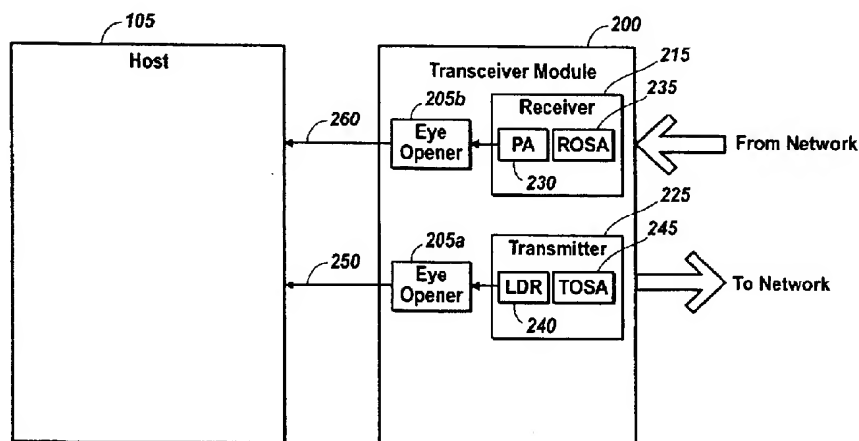
(52) UK CL (Edition X):
H4B BK14 BK2

(56) Documents Cited by ISA:
US 6256127 B1 US 5854704 A1
US 4932038 A1 US 20030053170 A1
US 20020060824 A1 US 20020021468 A1

(58) Field of Search by ISA:
Other: east west

(54) Abstract Title: **Transceiver module and integrated circuit with dual eye openers**

(57) A transceiver module (200) having integrated eye diagram opening functionality for reducing jitter is described. The transceiver module (200) may include a transmitter eye opener (205a) and a receiver eye opener (205b) integrated in a single circuit. The transceiver module (200) may also include serial control and various other integrated components. Other functionalities that may be integrated on the transceiver module (200) include loopback modes, bypass features, bit error rate testing, and power down modes.



GB 2406988 A continuation

(72) Inventor(s):

Lewis B Aronson
Rudy J Hofmeister
Christopher Madden
Mark Farley
Dan Case
Tom Lenosky

(74) Agent and/or Address for Service:

Gill Jennings & Every
Broadgate House, 7 Eldon Street,
LONDON, EC2M 7LH, United Kingdom